

ESAT Technical Direction Form

Contract No. EPW13028

EPA Region 8

Site ID: 085M
TDF ID: A-096

Date Issued: 8/6/2015
Date Updated:

Date
Closed By:

Name: Upper Animas Emergency Response Support

Details: The Contractor shall analyze several surface water samples in response to the bulkhead water release into the Animas River. The samples will be analyzed for total recoverable metals, dissolved metals (including hardness), and mercury as indicated in the Analytical Information Section.

**Note: Dissolved Hg analysis is only required for samples that were detected by total recoverable metals.

Site RPM is Paula Schmittiel

TO02/Subtask 02b: Inorganic Chemistry

Analytical Information:

MATRIX

Water Soils Vegetation Biota

WET CHEM

TSS TDS DOC Alk Chloride Sulfate Fluoride Nitrate Nitrite
Other

METALS

| | Dissolved | Total Recoverable | Total | Hardness (Calc) | | | | | | | | | | | | |
|---------------|-----------|-------------------|-------|-----------------|----|----|----|----|----|----|----|----|------|----|--|--|
| 200.7: | Ag | Al | As | Ba | Be | B | Ca | Cd | Co | Cr | Cu | Fe | K | Mg | | |
| | Mn | Mo | Na | Ni | Pb | Sb | Se | Sr | Ti | Tl | V | Zn | SiO2 | | | |
| 200.8: | Ag | Al | As | Ba | Be | Cd | Co | Cr | Cu | Mn | Mo | Ni | Pb | Sb | | |
| | Se | Th | Tl | U | V | Zn | | | | | | | | | | |
| 7470/7471/747 | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | |

FIBERS

PLM TEM

Deliverables

| ID | Description | Due Date | Submission Date |
|----|--|----------|-----------------|
| 1 | Provide PRs within 24-48 hrs of sample receipt. | | |
| 2 | Provide final deliverable package to Task Monitor no later than 30 days after delivery of final sample(s). | | |